

WEST Search History

[Hide Items](#) [Restore](#) [Clear](#) [Cancel](#)

DATE: Monday, December 22, 2003

<u>Hide?</u>	<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>
<i>DB=USPT; PLUR=NO; OP=OR</i>			
<input type="checkbox"/>	L56	(l51 or l52 or l53 or l54 or L55) and (l11 or l13 or l16 or l17 or l18 or l19)	5
<input type="checkbox"/>	L55	709/203.ccls.	1939
<input type="checkbox"/>	L54	709/201.ccls.	929
<input type="checkbox"/>	L53	707/10.ccls.	2684
<input type="checkbox"/>	L52	707/100.ccls.	1348
<input type="checkbox"/>	L51	707/1.ccls.	1454
<input type="checkbox"/>	L50	L45 and L49	1
<input type="checkbox"/>	L49	((right\$ adj1 manag\$) or (manag\$ adj1 right\$)).clm.	22
<input type="checkbox"/>	L48	L45 and L47	0
<input type="checkbox"/>	L47	((right\$ adj1 manag\$) or (manag\$ adj1 right\$)).ab.	22
<input type="checkbox"/>	L46	L43 and L45	0
(L44).pn. (5835718 5838682 5870544 5923738 5930341 5937041 5978773 6016494 6016516 6018619 6023764 6131095 6144988 6157705 6173316 6189019 6199048 6240448 6246758 6275829 6317781 6321257 6338082 6344855 6418199 6442549 6470381 6535506 6658452 5732261 6219790 6219790 5877757 6370455 5794006 6134593 6636894 6247047 6182122 6192398 6189137 6134235 6229809 5708812 6542898 6108786 5884142 5778367 6205432 5963915).pn. (6081900 6167449 6184996 5842211 5890171 6026441 6134588 6167441 6211874 6211874 6253234 6334111 6347320 6366298 6393468 6505201 6035329 5818935 5889951 5895462 5907598 5935210 6052716 6101328 6141413 6169890 5675510 5901287 5926798 5995943 6078866 6115680 6144996 6185689 6192123 6202023 6208975			
<input type="checkbox"/>	L45	6278993 6295502 6320587 6339773 6430602 6442598 6529899 5255196 5812948 4290142 4533948 5899983 5983234).pn. (6061664 6061664 6119122 6173404 6289458 6345184 6366925 6453316 6625603 6647256 6038594 5752042 6654749 6141686 6041326 6157953 6212575 5724506 5781189 5907843 5923736 6012088 6161133 6212575 6239797 5673322 5826014 5864850 5951637 5983270 6003032 6008814 6023464 6026437 6085241 6088340 6115744 6189030 6195693 6249576 6393569 6466966 5878233 5889942 5938737 5944790 5944783 6023684 6041041 6044385).pn. (6061798 6061798 6081536 6115390 6144667 6192383 6219355 6222536 6223202 6226277 6219355 6222536 6223202 6226277 6237040 6243722 6256498 6285665 6317594 6324500 6327254 6327578 6374247 6377548 6418146 6438600 6453335 6469991 6469998 6473097 6477565 6501779 6501956 6564217 6594257 5751956 5870546 6473740 6021439 6230196 5572643 5737619 6081835 6138152 6185586 6446218 5878423 6055510 6141333	

09/929/216

h e b b cg b chh e g f c e c e

5761672).pn. (5940837 6112228 6199079 6381627 6411966 6425061 6473609
 6041356 6286052 6434624 5708780 5764910 5812776 6081842 6178460
 5701451 5710918 5721908 5745754 5752246 5761663 5793964 5982445
 5991810 6094657 6208642 6226752 6226752 6249787 6334145 6336135
 6389028 6219700 6219700 6460082 6018724 6073105 5956697 5719937
 6039244 6137873 6209108 6061729 6061729 6230181 6064981 6115471
 6199077 5548722 5953524).pn.

(6263371 6292830 6256623 6189003 6314565 6442696 5815665 5999973
 5862330 5991796 6430276 5918009 6412003 6362836 6243443 5909671
 5918228 6236661 6282281 6466570 6337899 6049801 6182078 6070185

L44 6289455 5941947 6073160 5974398 6145004 6253193 6363488 6389402 728
 6427140 6104392 5983369 6189043 5961601 5751961 5875296 6029147
 6515988 6115737 5784619 5929852 6122675 5966441 6115712 6236989
 5732219 5793966)

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=NO; OP=OR

L43 ((right\$ adj1 manag\$) or (manag\$ adj1 right\$)).ti. 320

DB=USPT; PLUR=NO; OP=OR

L42 (L38 or L39 or L40 or L41) and music 11

L41 lewis-c.xa. 16

L40 lewis-cheryl-renea.xa. 5

L39 lewis-cheryl-r.xa. 76

L38 lewis-cheryl.xa. 249

L37 L36 and (memory same bus) 18

L36 (L11 or L13 or L16 or L17 or L18 or L19) and (bus same system) 24

L35 L33 and servic\$.ab. 5

L34 L33 and ((right\$ adj1 manag\$) or (manag\$ adj1 right\$)) 0

L33 (proxy adj1 server).ti. 21

L32 L31 and ((right\$ adj1 manag\$) or (manag\$ adj1 right\$)) 6

L31 (proxy adj1 server) 1088

L30 ((right\$ adj1 manag\$) same (proxy adj1 server)) 0

L29 (L11 or L13 or L16 or L17 or L18 or L19) and (proxy adj1 server) 0

L28 (L11 or L13 or L16 or L17 or L18 or L19) and (database same right\$) 27

L27 (L11 or L13 or L16 or L17 or L18 or L19) and music 26

L26 (L11 or L13 or L16 or L17 or L18 or L19) and (web adj1 (page\$ or site\$)) 8

L25 (L11 or L13 or L16 or L17 or L18 or L19) and (service same (hierarch\$ or rank\$ or level\$)) 19

L24 (L14 or L15 or L20 or L21 or L22 or L23) and ((subscrib\$ or subscription) same expir\$) 1

L23 L19 and (subscription or subscrib\$) 9

L22 L18 and (subscription or subscrib\$) 8

L21 L17 and (subscription or subscrib\$) 1

L20 L16 and (subscription or subscrib\$) 0

<input type="checkbox"/> L19	(right\$ adj1 manag\$).clm.	20
<input type="checkbox"/> L18	(right\$ adj1 manag\$).ab.	21
<input type="checkbox"/> L17	(manag\$ adj1 right\$).clm.	3
<input type="checkbox"/> L16	(manag\$ adj1 right\$).ab.	1
<input type="checkbox"/> L15	L11 and (subscrib\$ or subscription)	8
<input type="checkbox"/> L14	L13 and (subscrib\$ or subscription)	20
<input type="checkbox"/> L13	(manag\$ same right\$).ti.	36
<input type="checkbox"/> L12	(manag\$ adj1 right\$).ti.	0
<input type="checkbox"/> L11	(right\$ adj1 manag\$).ti.	22
<input type="checkbox"/> L10	(L1 or L2 or L3 or L4 or L5 or L6 or L7 or L8 or L9) and (subscrib\$ or subscription)	1
<input type="checkbox"/> L9	6185683.pn.	1
<input type="checkbox"/> L8	6112181.pn.	1
<input type="checkbox"/> L7	6006332.pn.	1
<input type="checkbox"/> L6	5920861.pn.	1
<input type="checkbox"/> L5	6138119.pn.	1
<input type="checkbox"/> L4	5634012.pn.	1
<input type="checkbox"/> L3	5629980.pn.	1
<input type="checkbox"/> L2	5715403.pn.	1
<input type="checkbox"/> L1	5991876.pn.	1

END OF SEARCH HISTORY

[> home](#) [> about](#) [> feedback](#) [> login](#)

US Patent & Trademark Office

[Try the *new* Portal design](#)

Give us your opinion after using it.

Search Results

Search Results for: [managing rights and transactions and commerce and databases]

Found 2 of 124,998 searched.

Search within Results

[> Advanced Search](#)[> Search Help/Tips](#)

Sort by: [Title](#) [Publication](#) [Publication Date](#) [Score](#) [Binder](#)

Results 1 - 2 of 2 short listing

1 Digital rights management for the online music business 77%

Sai Ho Kwok

ACM SIGecom Exchanges June 2002

Volume 3 Issue 3

Digital rights management has become a pressing concern for the online music business. Existing digital rights management systems are backed by two license management models, the tethered model and the untethered model. These two license management models focus on the management of payments and usage rights. The problems with these models are that the tethered model forces consumers to be online, while the untethered model provides relatively less security to the license residing locally. This p ...

2 Open problems in electronic commerce 77%

J. D. Tygar

Proceedings of the eighteenth ACM SIGMOD-SIGACT-SIGART symposium on Principles of database systems May 1999

Results 1 - 2 of 2 short listing

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2003 ACM, Inc.

09/929,214

h c g e cf c


[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)
Search: The ACM Digital Library The Guide


[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used

[managing rights](#) and [subscription or subscribers](#) and [service](#)

Found 30,505 of 124,998

Sort results
by
 [Save results to a Binder](#)
Display
results
 [Search Tips](#)
 [Open results in a new window](#)
[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

Best 200 shown

Relevance scale

1 [Design and evaluation of a wide-area event notification service](#)

August 2001 **ACM Transactions on Computer Systems (TOCS)**, Volume 19 Issue 3Full text available: [pdf\(1.08 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The components of a loosely coupled system are typically designed to operate by generating and responding to asynchronous events. An event notification service is an application-independent infrastructure that supports the construction of event-based systems, whereby generators of events publish event notifications to the infrastructure and consumers of events subscribe with the infrastructure to receive relevant notifications. The two primary services that should be provided ...

Keywords: content-based addressing and routing, event notification, publish/subscribe

2 [Cryptographic security Techniques for wireless networks](#)

Danai Patiyoot, S. J. Shepherd

April 1999 **ACM SIGOPS Operating Systems Review**, Volume 33 Issue 2Full text available: [pdf\(1.12 MB\)](#)Additional Information: [full citation](#), [abstract](#), [index terms](#)

This paper deals with security techniques for wireless Networks. The work presented is based on a review of literature regarding current and future wireless security networks systems. The aspects discussed in this paper included the choices of cryptographic algorithms such as protocols for key management and authentication. Various conclusions are drawn from existing security networks and proposed in new wireless ATM network security. Also a proposal for future research into security techniques ...

Keywords: cryptographic, security, wireless

3 [Key management and key exchange: A temporal key management scheme for secure broadcasting of XML documents](#)

Elisa Bertino, Barbara Carminati, Elena Ferrari

November 2002 **Proceedings of the 9th ACM conference on Computer and communications security**Full text available: [pdf\(242.89 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Secure broadcasting of web documents is becoming a crucial need for many web-based applications. Under the broadcast document dissemination strategy a web document source periodically broad-casts (portions of) its documents to a possibly large community of subjects, without the need of explicit subject requests. By secure broadcasting we mean that the delivery of information to subjects must obey the access control policies of the document source. Since different subjects may have the right to ...

Keywords: XML, secure broadcasting, temporal key management

4 **DRM experience: Digital rights management in a 3G mobile phone and beyond**

Thomas S. Messerges, Ezzat A. Dabbish

October 2003 **Proceedings of the 2003 ACM workshop on Digital rights management**

Full text available:  [pdf\(306.59 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we examine how copyright protection of digital items can be securely managed in a 3G mobile phone and other devices. First, the basic concepts, strategies, and requirements for digital rights management are reviewed. Next, a framework for protecting digital content in the embedded environment of a mobile phone is proposed and the elements in this system are defined. The means to enforce security in this system are described and a novel "Family Domain" approach to content management ...

Keywords: MPEG-21, copyright protection, cryptography, digital content, digital rights management, embedded system, key management, mobile phone, open mobile alliance, security

5 **Unlinkable serial transactions: protocols and applications**

Stuart G. Stubblebine, Paul F. Syverson, David M. Goldschlag

November 1999 **ACM Transactions on Information and System Security (TISSEC)**, Volume 2 Issue 4

Full text available:  [pdf\(184.87 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

We present a protocol for unlinkable serial transactions suitable for a variety of network-based subscription services. It is the first protocol to use cryptographic blinding to enable subscription services. The protocol prevents the service from tracking the behavior of its customers, while protecting the service vendor from abuse due to simultaneous or cloned use by a single subscriber. Our basic protocol structure and recovery protocol are robust against failure in protocol termination. ...

Keywords: anonymity, blinding, cryptographic protocols, unlinkable serial transactions

6 **Computer-supported cooperative work: A service architecture for mobile teamwork**

Engin Kirda, Pascal Fenkam, Gerald Reif, Harald Gall

July 2002 **Proceedings of the 14th international conference on Software engineering and knowledge engineering**

Full text available:  [pdf\(92.83 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Mobile teamwork has become an emerging requirement in the daily business of large enterprises. Employees collaborate across locations and need support while they are on the move. Business documents (artifacts) and expertise need to be shared independent of the actual location or connectivity (e.g., access through a mobile phone, laptop, Personal Digital Assistant, etc.) of employees. Although many collaboration tools and systems exist, most do not deal with new requirements such as locating arti ...

Keywords: XML, architectures, collaborative systems, components, distributed searches, meta-data and XQL, mobile teamwork

7 [Denial-of-service: Robustness to inflated subscription in multicast congestion control](#)

Sergey Gorinsky, Sugat Jain, Harrick Vin, Yongguang Zhang

August 2003 **Proceedings of the 2003 conference on Applications, technologies, architectures, and protocols for computer communications**

Full text available:  [pdf\(282.59 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Group subscription is a useful mechanism for multicast congestion control: RLM, RLC, FLID-DL, and WEBRC form a promising line of multi-group protocols where receivers provide no feedback to the sender but control congestion via group membership regulation. Unfortunately, the group subscription mechanism also offers receivers an opportunity to elicit self-beneficial bandwidth allocations. In particular, a misbehaving receiver can ignore guidelines for group subscription and choose an unfairly high ...

Keywords: congestion control, fair bandwidth allocation, misbehaving receivers, multicast, robustness

8 [Shopping models: a flexible architecture for information commerce](#)

Steven P. Ketchpel, Hector Garcia-Molina, Andreas Paepcke

July 1997 **Proceedings of the second ACM international conference on Digital libraries**

Full text available:  [pdf\(1.49 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

9 [SCMP.com: strategic repositioning of a newspaper](#)

Ali Farhoomand, Eva Kwan

December 2000 **Proceedings of the twenty first international conference on Information systems**

Full text available:  [pdf\(361.56 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

10 [Exploiting IP multicast in content-based publish-subscribe systems](#)

Lukasz Opyrchal, Mark Astley, Joshua Auerbach, Guruduth Banavar, Robert Strom, Daniel Sturman

April 2000 **IFIP/ACM International Conference on Distributed systems platforms**

Full text available:  [pdf\(390.25 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Publish-subscribe systems are evolving toward using content-based subscription rather than subject-based subscription. A key problem in implementing such systems is that a straightforward mapping from matching sets to multicast groups produces a number of groups that rapidly grows beyond practical limits. This paper proposes a set of alternative algorithms for solving this problem, by: (1) using a smaller set of overbroad multicast groups, judiciously chosen to minimize imprecision; (2) issui ...

11 [The design and applications of a context service](#)

Hui Lei, Daby M. Sow, John S. Davis, Guruduth Banavar, Maria R. Ebling

October 2002 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 6 Issue 4

Full text available:  [pdf\(87.81 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Context awareness enables applications to adapt themselves to their computing environment in order to better suit the needs of the user and the tasks. This paper describes

a general middleware infrastructure for context collection and dissemination, realized as a Context Service. By way of two example applications, this paper also illustrates how context information provided by our context service can be exploited to enhance the user experience. These two applications are built upon the abstract ...

12 Economic aspects of configuring cellular networks

Bezalel Gavish, Suresh Sridhar

February 1995 **Wireless Networks**, Volume 1 Issue 1

Full text available:  [pdf\(1.25 MB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper addresses economic aspects of configuring cellular networks. Major components of costs and revenues and the major stakeholders are identified and a model is developed to determine the system configuration (e.g. cell size, number of channels, etc.) which will maximize the annual expected net revenues to the system operator. Key properties relating the various parameters of interest are derived. The results of computational experiments are presented and their implications are discussed ...

13 Design guidelines for mobile information and entertainment services: based on the Radio538 ringtones i-mode service case study

Elisabeth van de Kar, Carleen F. Maitland, Uta Wehn de Montalvo, Harry Bouwman

September 2003 **Proceedings of the 5th international conference on Electronic commerce**

Full text available:  [pdf\(200.07 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The mobile telecommunications industry is undergoing rapid change, which is increasing the interdependency of firms in the sector. Mobile information and entertainment services will be delivered through inter-organizational networks of firms. This means the problems of service design must be resolved in the context of a complex value network. To shed light on these problems we present a case study of a ringtone service and from this develop guidelines for the design of similar services.

Keywords: design guidelines, inter-organizational networks, mobile information and entertainment services

14 Pushing reactive services to XML repositories using active rules

Angela Bonifati, Stefano Ceri, Stefano Paraboschi

April 2001 **Proceedings of the tenth international conference on World Wide Web**

Full text available:  [pdf\(203.85 KB\)](#)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

Keywords: SOAP, XML, active rules, document management, push technology, query languages for XML

15 Functional paleontology: system evolution as the user sees it

Annie I. Antón, Colin Potts

July 2001 **Proceedings of the 23rd international conference on Software engineering**

Full text available:  [pdf\(201.09 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

 [Publisher Site](#)

It has long been accepted that requirements analysis should precede architectural design and implementation, but in software evolution and reverse engineering this concern with black-box analysis of function has necessarily been de-emphasized in favor of code-based

analysis and designer-oriented interpretation. In this paper, we redress this balance by describing "functional paleontology", an approach to analyzing the evolution of user-visible features or services independent of ...

Keywords: human-computer interaction (HCI), measurement, metrics, and empirical methods, requirements engineering, reverse engineering, software evolution

16 Speech and ambiguous input: Distributed mediation of ambiguous context in aware environments

Anind Dey, Jennifer Mankoff, Gregory Abowd, Scott Carter

October 2002 **Proceedings of the 15th annual ACM symposium on User interface software and technology**

Full text available:  [pdf\(672.84 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Many context-aware services make the assumption that the context they use is completely accurate. However, in reality, both sensed and interpreted context is often ambiguous. A challenge facing the development of realistic and deployable context-aware services, therefore, is the ability to handle ambiguous context. In this paper, we describe an architecture that supports the building of context-aware services that assume context is ambiguous and allows for mediation of ambiguity by mobile users ...

Keywords: ambiguity, aware environments, context-aware computing, error handling, mediation, ubiquitous computing

17 Mobility and Wireless Access: Personalized pocket directories for mobile devices

Doron Cohen, Michael Herscovici, Yael Petruschka, Yoelle S. Maarek, Aya Soffer

May 2002 **Proceedings of the eleventh international conference on World Wide Web**

Full text available:  [pdf\(529.16 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In spite of the increase in the availability of mobile devices in the last few years, Web information is not yet as accessible from PDAs or WAP phones as it is from the desktop. In this paper, we propose a solution for supporting one of the most popular information discovery mechanisms, namely Web directory navigation, from mobile devices. Our proposed solution consists of caching enough information on the device itself in order to conduct most of the navigation actions locally (with subsecond response times) ...

Keywords: hierarchical browsers, mobile devices, mobile search, personalization

18 Role-based access control in telecommunication service management—dynamic role creation and management in TINA service environment

Takeo Hamada

October 1998 **Proceedings of the third ACM workshop on Role-based access control**

Full text available:  [pdf\(975.87 KB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: TINA, role algebra, role class hierarchy, role mapping, role-based access control, security space, strongly-ruled system, telecommunication service management

19 DVM: an object-oriented framework for building large distributed Ada systems

Christopher J. Thompson, Vincent Celier

November 1995 **Proceedings of the conference on TRI-Ada '95: Ada's role in global markets: solutions for a changing complex world**

Full text available:  [pdf\(1.50 MB\)](#)

Additional Information: [full citation](#), [references](#)



20 Digital libraries, value, and productivity

Gio Wiederhold

April 1995 **Communications of the ACM**, Volume 38 Issue 4

Full text available:  [pdf\(292.07 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A digital library is popularly viewed an electronic version of a public library. But replacing paper by electronic storage leads to three major differences: storage in digital form, direct communication to obtain material, and copying from a master version. These differences in turn lead to a plethora of further differences, so that eventually the digital library no longer mimics the traditional library. Furthermore, a library is only element in the process of creating, storing, culling, ac ...

Results 1 - 20 of 200

Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2003 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)